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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/249,710	10/14/2005	Yong Chool Park	46500-000207/US/01	2516

30593 7590 02/04/2009  
 HARNESS, DICKEY & PIERCE, P.L.C.  
 P.O. BOX 8910  
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FEB 06 2009

EXAMINER

FAAL BABOUCCARR

ART UNIT PAPER NUMBER

2189

MAIL DATE DELIVERY MODE

02/04/2009

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Matter No.	
Action Due Date	5/4/09 Final Date 8/4/09
Action	Amend
Attorney	GOY
	DKT/Verity/Shw/jh

**Office Action Summary**

Application No.

11/249,710

Applicant(s)

PARK, YONG CHEOL

Examiner

BABOUARR FAAL

Art Unit

2189

**- The MAILING DATE of this communication appears on the cover sheet with the correspondence address -**  
**Period for Reply**

**A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.**

- Extensions of time may be available under the provisions of 37 CFR 1.136(s). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 10/14/2005.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-18 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-18 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 10/14/2005 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-848)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)  
 Paper No(s)/Mail Date 12/31/08 and 9/05/08 and 08/06/08 and 6/19/08 and 05/09/07
- 4) ☐ Interview Summary (PTO-413)  
 Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_

Continuation Sheet (PTOL-326)

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### DETAILED ACTION

#### *Information Disclosure Statement*

1. The information disclosure statement filed 9/5/08 and 6/18/08, fails to comply with 37 CFR 1.98(a)(3) because the crossed out references do not include a concise explanation of the relevance, as it is presently understood by the individual designated in 37 CFR 1.56(c) most knowledgeable about the content of the information, of each patent listed that is not in the English language. It has been placed in the application file, but the information referred to therein has not been considered.

#### *Claim Rejections - 35 USC § 102*

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claim 1-4, 13-15, 17 are rejected under 35 U.S.C. 102(e) as being anticipated by US Hwang et al. 20040246852 A1 herein Hwang.

3. Per claim 1, Hwang discloses: **A method for overwriting data in a recording medium comprising the steps of: a) assigning a plurality of record areas to the recording medium, and recording the same category data in individual record areas; (fig. 6d; medium comprises user data, updated user data, stored separately with**

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file system data and updated file system data ) and b) performing a replacement record operation at a specific position indicative of a closest writable area, upon receiving an overwrite command, (¶0011 lines 3-7) and maintaining the same category data in the record area after performing the replacement record operation (fig. 6a-6d; file system data and user data is recorded separately).

4. Per claim 2, Hwang does disclose: wherein the record areas are indicative of Sequential Recording Ranges (SRRs), respectively (fig. 6A-D; per applicant specification, the SRR's are referred to as tracks or successive record areas in the user data region)

5. Per claim 3, Hwang does disclose: wherein the replacement record operation of the data is performed in at least one non-recorded area contained in the SRR receiving the overwrite command when the non-recorded area remains in the SRR (fig. 6a-6d, ¶0056 line; replacement user data is recorded in a non recorded user data area in the same track receiving the overwrite command).

6. Per claim 4, Hwang does disclose: if non-replaced data remains although the replacement record operation of the data is terminated in overall areas of the non-recorded area, the remaining non-replaced data is recorded from a Next Writable Address (NWA) of an adjacent open SRR, such that the replacement record operation of the remaining non-replaced data is performed from the NWA of the adjacent open SRR (fig. 6a-6d, ¶0056; the replacement data (2<sup>nd</sup> used data) is recorded adjacent to non replaced data in the next writable space).

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7. Per claim 13, Hwang discloses: **A method for overwriting data in a recording medium comprising the steps of: a) assigning at least one Sequential Recording Range (SRR) to the recording medium, and recording data in the assigned SRR;** (fig. 6d; medium comprises user data, updated user data, stored separately with file system data and updated file system data ) **b) upon receiving an overwrite command associated with a pre-recorded area contained in the SRR, performing a replacement record operation in a writable area contained in the SRR;** (§0011 lines 3-7) **and c) if the writable area is not present in the SRR, performing a replacement record operation in a writable area contained in an adjacent SRR**(fig. 6a-6d, §0056 line; replacement user data is recorded in a non recorded user data area in the same track receiving the overwrite command).

8. Per claim 14 it contains the same limitation as claim 4 and is rejected for the same reason set forth in connection the rejection of claim 4.

9. Per claim 15 it contains the same limitation as claim 1 and is rejected for the same reason set forth in connection the rejection of claim 1.

10. Per claim 17, it is the recording medium claim corresponding to the method claim 1 and is rejected under the same reasons set forth in connection with the rejection of claim 1.

#### ***Claim Rejections - 35 USC § 103***

11. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the

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invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

12. The factual inquiries set forth in *Graham v. John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966), that are applied for establishing a background for determining obviousness under 35 U.S.C. 103(a) are summarized as follows:

1. Determining the scope and contents of the prior art.
2. Ascertaining the differences between the prior art and the claims at issue.
3. Resolving the level of ordinary skill in the pertinent art.
4. Considering objective evidence present in the application indicating obviousness or nonobviousness.

13. Claims 8-12, 16, 18 are rejected under 35 U.S.C. 102(e) as being anticipated by US Hwang et al. 20040246852 A1 herein Hwang in view of Park et al. 7188271 B2 herein Park

14. Per claim 8, Hwang does not specifically disclose: **the position information of the area receiving the overwrite command and the position information of the replacement record area are recorded as a single entry in a Temporary Disc Management Area (TDMA)**

15. However, Park in an analogous art discloses: **the position information of the area receiving the overwrite command and the position information of the replacement record area are recorded as a single entry in a Temporary Disc Management Area (TDMA)** (fig. 3; discloses position information stored in the TDMA)

16. It would have been obvious to one having ordinary skill in the art at the time of the invention to combine the teachings of Hwang and Park because Park provides effective methods to manage defective areas of a write once BD. (col. 2 lines 23-26

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17. Per claim 9, the combined teachings of Hwang and Park disclose: **wherein the position information recorded in the entry is denoted by a first physical sector number (PSN) of a corresponding area** (Park: fig. 3; Sector 1... 31)

18. Per claim 10, the combined teachings of Hwang and Park disclose: **wherein information associated with the SRR assigned to the recording medium is recorded as SRR Information (SRRi) in a Temporary Disc Management Area (TDMA)** (Park: fig. 3; disc track information recorded in TDMA)

19. Per claim 11, the combined teachings of Hwang and Park disclose: **wherein the SRRi includes a header, and records a number of the open SRR in the header** (fig. 3; TDDS maintains Track info).

20. Per claim 12, the combined teachings of Hwang and Park disclose: **wherein the data is classified into file system data, user data, and file system mirror data** (Park: fig. 3).

21. Per claim 16, it is the apparatus claim corresponding to the method claim 1 and is rejected under the same reasons set forth in connection with the rejection of claim 1. Furthermore, Hwang is silent to a microprocessor and pickup unit. However, Park discloses a microprocessor and pickup unit (fig. 2). Therefore the combined teachings of Hwang and Park disclose the limitations of claim 16.

22. Per claim 18, the combined teachings of Hwang and Park disclose: **the recording medium is indicative of a write-once optical disc such as a BD-R (Blu-ray Disc Recordable)** (Park: fig. 3; BD-WO, blu-ray write once).



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***Allowable Subject Matter***

23. Claims 5-7 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

**Remark**

Examiner respectfully requests, in response to this Office action, support be shown for language added to any original claims on amendment and any new claims. That is, indicate support for newly added claim language by specifically pointing to page(s) and line number(s) in the specification and/or drawing figure(s). This will assist Examiner in prosecuting the application.

***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to BABOUCARR FAAL whose telephone number is (571)270-5073. The examiner can normally be reached on M-F (Off every other Friday).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Reginald G. Bragdon can be reached on 5712724204. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/B. F./

Examiner, Art Unit 2189

/Reginald G. Bragdon/

Supervisory Patent Examiner, Art Unit 2189



FORM HDP-1449 (Based on Form PTO-1449)

PATENT AND TRADEMARK OFFICE  
INFORMATION DISCLOSURE CITATION  
(Use several sheets if necessary)

Sheet 1 of 1

ATTORNEY DOCKET NO.	SERIAL NO.
46500-000207/US/01	11/249,710
APPLICANT	
Yong Cheol PARK	
FILING DATE	GROUP
October 14, 2005	2655

## U.S. PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
		2003/0135800	07-17-2003	BYUNG-JIN KIM et al.		

## FOREIGN PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes	No
		WO 2004/015707	02-19-2004	WIPO		XX	

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Ref. Desig.	Examiner's Initials	
		International Search Report dated January 10, 2007

Examiner: /Baboucar Faal/

Date Considered: 01/29/2009

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /B.F./

<b>FORM HDP-1449 (Based on Form PTO-1449)</b>  <b>PATENT AND TRADEMARK OFFICE</b> <b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)  Sheet 1 of 11	<b>ATTORNEY DOCKET NO.</b> 46500-000207/US/01	<b>SERIAL NO.</b> 11/249,710
	<b>APPLICANT</b> Yong Cheol PARK	
	<b>FILING DATE</b> October 14, 2005	<b>GROUP</b> 2655

U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date		Class/ Subclass	(If appropriate) Filing Date
1.		US 4,733,386	03/22/1988	SHIMOI		
2.		US 4,807,205	02/21/1989	PICARD		
3.		US 5,111,444	05/05/1992	FUKUSHIMA et al.		
4.		US 5,210,734	05/11/1993	SAKURAI		
5.		US 5,235,585	08/10/1993	BISH et al.		
6.		US 5,247,494	09/21/1993	OHMO et al.		
7.		US 5,237,553	08/17/1993	FUKUSHIMA et al.		
8.		US 5,319,626	06/07/1994	OZAKI et al.		
9.		US 5,404,357	04/04/1995	ITO et al.		
10.		US 5,442,811	08/15/1995	HOSAKA		
11.		US 5,448,728	09/05/1995	TAKANO et al.		
12.		US 5,475,820	12/12/1995	NATRASEVESCHI et al.		
13.		US 5,481,519	01/02/1996	HOSOYA		
14.		US 5,495,468	02/27/1996	DOHMEIER et al.		
15.		US 5,528,571	06/18/1996	FUNAHASHI et al.		
16.		US 5,553,045	09/03/1996	OBATA		
17.		US 5,577,194	11/19/1996	WELLS et al.		
18.		US 5,608,715	03/04/1997	YOKOGAWA et al.		
19.		US 5,715,221	02/03/1998	ITO et al.		
20.		US 5,720,030	02/17/1998	KAMIHARA et al.		
21.		US 5,740,435	04/14/1998	YAMAMOTO et al.		
22.		US 5,745,444	04/28/1998	ICHIKAWA et al.		
23.		US 5,799,212	08/25/1998	OHMORI		
24.		US 5,802,028	09/01/1998	IGARASHI		
25.		US 5,805,536	09/08/1998	GAGE et al.		
26.		US 5,848,038	12/08/1998	IGARASHI		

Examiner: /Baboucar Faal/

Date Considered: 01/29/2009

EXAMINER: Please Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /B.F./

<b>FORM HDP-1449 (Based on Form PTO-1449)</b>  <b>PATENT AND TRADEMARK OFFICE</b> <b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)  Sheet 2 of 11	ATTORNEY DOCKET NO.	SERIAL NO.
	46500-000207/US/01	11/249,710
	APPLICANT	
	Yong Cheol PARK	
	FILING DATE	GROUP
	October 14, 2005	2855

27.		US 5,867,455	02/02/1999	MIYAMOTO et al.		
28.		US 5,914,928	06/22/1999	TAKAHASHI		
29.		US 6,058,085	05/02/2000	OBATA		
30.		US 6,118,608	09/12/2000	KAKIHARA et al.		
31.		US 6,138,203	10/24/2000	INOKUCHI et al.		
32.		US 6,160,778	12/12/2000	ITO et al.		
33.		US 6,189,118	02/13/2001	SASAKI et al.		
34.		US 6,233,654	05/15/2001	AOKI et al.		
35.		US 6,292,445	09/18/2001	ITO et al.		
36.		US 6,341,278	01/22/2003	YAMAMOTO et al.		
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38.		US 6,405,332	06/11/2002	BANDO et al.		
39.		US 6,414,923	07/02/2002	PARK et al.		
40.		US 6,447,128	09/10/2002	HORNBECK		
41.		US 6,469,978	10/22/2002	OHATA et al.		
42.		US 6,477,128	11/05/2002	PARK et al.		
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46.		US 6,581,167	06/17/2003	GOTOH et al.		
47.		US 6,584,209 = JP 2003-536194	07/15/2003	IJTSMA et al.		
48.		US 6,606,285	08/12/2003	IJTSMA et al.		
49.		US 6,615,363	09/02/2003	FUKASAWA		
50.		US 6,631,106	10/07/2003	NUMATA et al.		
51.		US 6,633,724	10/14/2003	HASEGAWA et al.		

Examiner: /Baboucar Faal/

Date Considered: 01/29/2009

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## FORM HDP-1449 (Based on Form PTO-1449)

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(Use several sheets if necessary)

Sheet 3 of 11

ATTORNEY DOCKET NO.

46500-000207/US/01

SERIAL NO.

11/249,710

APPLICANT

Yong Cheol PARK

FILING DATE

October 14, 2005

GROUP

2655

52.		US 6,667,939	12/23/2003	MIYAMOTO		
53.		US 6,671,249	12/30/2003	HORIE		
54.		US 6,697,306	02/24/2004	SAKO		
55.		US 6,724,701	04/20/2004	IJTSMA et al.		
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57.		US 6,754,860	06/22/2004	KIM et al.		
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62.		US 6,804,797	10/12/2004	KO et al.		
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64.		US 6,842,580	01/11/2005	UEDA et al.		
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66.		US 6,883,111	04/19/2005	YOSHIDA et al.		
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73.		US 7,042,825	05/09/2006	YAMAMOTO et al.		
74.		US 7,050,701	05/23/2006	SASAKI et al.		
75.		US 7,092,334	08/15/2006	CHOI et al.		
76.		US 7,149,930	12/12/2006	OGAWA et al.		

Examiner: /Baboucar Faal/

Date Considered: 01/29/2009

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	46500-000207/US/01	11/249,710
	APPLICANT	
	Yong Cheol PARK	
	FILING DATE	GROUP
	October 14, 2005	2655

77.		US 7,184,377	02/27/2007	ITO et al.		
78.		US 7,188,271	03/06/2007	PARK et al.		
79.		US 7,233,550	06/19/2007	PARK et al.		
80.		US 7,272,088	08/18/2007	HWANG, et al.		
81.		US 7,289,404	10/30/2007	PARK et al.		
82.		US 7,296,178	11/13/2007	YOSHIDA et al.		
83.		US 7,327,654	02/05/2008	HWANG et al.		
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85.		US 2001/0011267	08/02/2001	KIHARA et al.		
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88.		US 2002/0025138	02/28/2002	ISOBE et al.		
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94.		US 2002/0136537	09/26/2002	TAKAHASHI		
95.		US 2002/0159382	10/31/2002	OHATA et al.		
96.		US 2002/0161774	10/31/2002	TOL et al.		
97.		US 2002/0176341	11/28/2002	KO et al.		
98.		US 2003/0072236	04/17/2003	HIROTSUNE et al		
99.		US 2003/0095482	05/22/2003	HUNG et al.		
100.		US 2003/0126527	07/03/2003	KIM et al.		
101.		US 2003/0137909	07/24/2003	ITO et al.		

Examiner: /Baboucar Faal/

Date Considered: 01/29/2009

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	<b>APPLICANT</b>	
	Yong Cheol PARK	
	<b>FILING DATE</b>	<b>GROUP</b>
	October 14, 2005	2655

102.		US 2003/0137910	07/24/2003	UEDA et al.		
103.		US 2003/0142608	07/31/2003	YAMAMOTO et al.		
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106.		US 2003/0198155	10/23/2003	GO et al.		
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109.		US 2004/0062159	04/01/2004	PARK et al.		
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111.		US 2004/0076086	04/22/2004	HWANG et al.		
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113.		US 2004/0114474	06/17/2004	PARK et al.		
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118.		US 2004/0145980	07/29/2004	PARK et al.		
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Examiner: /Baboucarr Faal/

Date Considered: 01/29/2009

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<b>FORM HDP-1449 (Based on Form PTO-1449)</b>  <b>PATENT AND TRADEMARK OFFICE</b> <b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)  Sheet 6 of 11	ATTORNEY DOCKET NO.	SERIAL NO.
	46500-000207/US/01	11/249,710
	APPLICANT	
	Yong Cheol PARK	
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127.		US 2005/0025007	02/03/2005	PARK		
128.		US 2005/0052972	03/10/2005	PARK		
129.		US 2005/0052973	03/10/2005	PARK		
130.		US 2005/0055500	03/10/2005	PARK		
131.		US 2005/0060489	03/17/2005	PARK		
132.		US 2005/0068877	03/31/2005	YEO		
133.		US 2005/0083740	04/21/2005	KOBAYASHI		
134.		US 2005/0083767	04/21/2005	TERADA et al.		
135.		US 2005/0083830	04/21/2005	MARTENS et al.		
136.		US 2005/0195716	09/08/2005	KO et al.		
137.		US 2005/0289389	12/29/2005	YAMAGAMI et al.		
138.		US 2006/0077827	04/13/2006	TAKAHASHI		
139.		US 2006/0195719	08/31/2006	UEDA et al.		
140.		US 2006/0203635	09/14/2006	KO et al.		
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148.		CN 1227950	09/08/1999	CHINA		Abstract	
149.		CN 1273419	11/15/2000	CHINA		Abstract	

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## FORM HDP-1449 (Based on Form PTO-1449)

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**INFORMATION DISCLOSURE CITATION**  
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46500-000207/US/01

SERIAL NO.

11/249,710

APPLICANT

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FILING DATE

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150.	CN 1675708	09/28/2005	CHINA		Abstract	
151.	CN 1685426	10/19/2005	CHINA		Abstract	
152.	DE 199 54 054	06/21/2000	GERMANY		Abstract	
153.	EP 0 314 186	06/03/1989	EUROPE			X
154.	EP 0 326 822	08/02/1989	EUROPE			X
155.	EP 0 350 920	01/17/1990	EUROPE			X
156.	EP 0 464 811	08/01/1992	EUROPE			X
157.	EP 0 472 484	02/26/1992	EUROPE			X
158.	EP 0 477 503	04/01/1992	EUROPE			X
159.	EP 0 556 046	08/18/1993	EUROPE			X
160.	EP 0 671 172	10/14/1998	EUROPE			X
161.	EP 0 674 067	04/26/2000	EUROPE			X
162.	EP 0 680 554	03/29/2000	EUROPE			X
163.	EP 0 697 004	05/03/2000	EUROPE			X
164.	EP 1 026 681	09/18/2002	EUROPE			X
165.	EP 1 043 730	10/11/2000	EUROPE			X
166.	EP 1 133 014	06/13/2001	EUROPE			X
167.	EP 1 148 493	10/24/2001	EUROPE			X
168.	EP 1 152 414	11/07/2001	EUROPE			X
169.	EP 1 239 478	09/11/2002	EUROPE			X
170.	EP 1 274 081	01/08/2003	EUROPE			X
171.	EP 1 298 659	04/02/2003	EUROPE			
172.	EP 1 329 888	07/23/2003	EUROPE			X
173.	EP 1 347 452	09/24/2003	EUROPE			X
174.	EP 1 547 065 WO 2004/026941	04/08/2004	EUROPE			X

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Date Considered: 01/29/2009

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<b>FORM HDP-1449 (Based on Form PTO-1449)</b>  <b>PATENT AND TRADEMARK OFFICE</b> <b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)  Sheet 8 of 11	ATTORNEY DOCKET No.	SERIAL No.
	46500-000207/US/01	11/249,710
	APPLICANT	
	Yong Cheol PARK	
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	October 14, 2005	2655

<del>175.</del>	<del>EP 1 364 740</del>	<del>08/17/2003</del>	<del>EUROPE</del>	<del></del>	<del></del>	<del>X</del>
<del>176.</del>	<del>EP 1 573 723 =</del>	<del>09/02/2004</del>	<del>EUROPE</del>	<del></del>	<del></del>	<del>X</del>
<del>177.</del>	<del>WO 2004/075180</del>	<del>11/18/2004</del>	<del>EUROPE</del>	<del></del>	<del></del>	<del>X</del>
<del>178.</del>	<del>EP 1 623 422 =</del>	<del>05/30/2004</del>	<del>UNITED KINGDOM</del>	<del></del>	<del></del>	<del>X</del>
<del>179.</del>	<del>WO 2004/100156</del>	<del></del>	<del></del>	<del></del>	<del></del>	<del></del>
179.	JP 1-263955	10/20/1989	JAPAN		Abstract	
180.	JP 2-023417	01/25/1990	JAPAN		Abstract	
181.	JP 5-274814	10/22/1983	JAPAN		Abstract	
182.	JP 6-349201	12/22/1994	JAPAN		Abstract	
183.	JP 8-096522	04/12/1996	JAPAN		Abstract	
184.	JP 9-145834	06/06/1997	JAPAN		Abstract	
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186.	JP 10-050005	02/20/1998	JAPAN		Abstract	
187.	JP 10-050032	02/20/1998	JAPAN		Abstract	
188.	JP 10-187356	07/14/1998	JAPAN		Abstract	
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193.	JP 10-187361	07/14/1998	JAPAN		Abstract	
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195.	JP 11-203792	07/30/1999	JAPAN		Abstract	
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197.	JP 2000-090588	03/31/2000	JAPAN		Abstract	
198.	JP 2000-149449	05/30/2000	JAPAN		Abstract	
199.	JP 2000-195178	07/14/2000	JAPAN		Abstract	

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Date Considered: 01/29/2009

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FORM HDP-1449 (Based on Form PTO-1449)

**PATENT AND TRADEMARK OFFICE  
INFORMATION DISCLOSURE CITATION**  
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200.		JP 2000-215812	08/04/2000	JAPAN		Abstract	
201.		JP 2000-285607	10/13/2000	JAPAN		Abstract	
202.		JP 2001-023317	01/26/2001	JAPAN		Abstract	
203.		JP 2001-069440	03/16/2001	JAPAN		Abstract	
204.		JP 2001-110168	04/20/2001	JAPAN		Abstract	
205.		JP 2001-351334	12/21/2001	JAPAN		Abstract	
206.		JP 2001-357623	12/26/2001	JAPAN		Abstract	
207.		JP 2002-015507	01/18/2002	JAPAN		Abstract	
208.		JP 2002-015525	01/18/2002	JAPAN		Abstract	
209.		JP 2002-056819	02/22/2002	JAPAN		Abstract	
210.		JP 2002-215612	08/02/2002	JAPAN		Abstract	
211.		JP 2002-245723	08/30/2002	JAPAN		Abstract	
212.		JP 2002-288938	10/04/2002	JAPAN		Abstract	
213.		JP 2002-329321	11/15/2002	JAPAN		Abstract	
214.		JP 2002-352522	12/08/2002	JAPAN		Abstract	
215.		JP 2004-280864	10/07/2004	JAPAN		Abstract	
216.		JP 2004-280865	10/07/2004	JAPAN		Abstract	
217.		JP 2005-538490 = WO 2004/025648	12/15/2005	JAPAN		Yes	
218.		JP 2005-538491 = WO 2004/025649	12/15/2005	JAPAN		Yes	
219.		JP 2006-519445 = WO 2004/079831	08/24/2006	JAPAN		Yes	
220.		KR 10-2004-0015802	11/09/2004	KOREA		Abstract	
221.		TW 371752	10/11/1998	TAIWAN		Abstract	
222.		TW 413805	12/01/200	TAIWAN		Abstract	
223.		WO 00/54274	09/14/2000	WIPO			X
224.		WO 01/22418	03/29/2001	WIPO			X

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## FORM HDP-1449 (Based on Form PTO-1449)

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INFORMATION DISCLOSURE CITATION  
(Use several sheets if necessary)

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225.	WO 01/83035	12/08/2001	WIPO			X
226.	WO 03/007286	01/23/2003	WIPO			X
227.	WO 03/025924	03/27/2003	WIPO		Abstract	
228.	WO 03/073553	03/23/2003	WIPO			X
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230.	WO 00/30302	10/03/1990	WIPO			X
231.	WO 07/22182	06/10/2007	WIPO			X
232.	WO 2004/015708 = JP 2005-535003 = RU 2005-103626	02/18/2004	WIPO			X
233.	WO 2004/023000	04/06/2004	WIPO			X
234.	WO 2004/023941	04/06/2004	WIPO			X
235.	WO 2004/034090	04/22/2004	WIPO			X
236.	WO 2004/036561	04/28/2004	WIPO			X
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239.	WO 2004/068476	08/12/2004	WIPO			X
240.	WO 2004/079740	09/16/2004	WIPO			X
241.	WO 2004/081928 = RU 2005-127337	09/23/2004	WIPO			X
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244.	WO 2004/100156	11/18/2004	WIPO			X
245.	WO 2005/004123	01/13/2005	WIPO			X

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<b>FORM HDP-1449 (Based on Form PTO-1449)</b>  <b>PATENT AND TRADEMARK OFFICE</b> <b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)  Sheet 11 of 11	<b>ATTORNEY DOCKET NO.</b>	<b>SERIAL NO.</b>
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	Yong Cheol PARK	
	<b>FILING DATE</b>	<b>GROUP</b>
October 14, 2005	2655	

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241.		"JIS Handbook Data Processing for Hardware," Japanese Standards Association Inc., Japan, April 21, 1999, pages 1064-1070, with English translation thereof of March 4, 2008
242.		International Search Report and Written Opinion dated August 31, 2004
243.		International Search Report and Written Opinion dated January 13, 2006.
244.		International Search Report and Written Opinion dated March 8, 2007.

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<b>FORM HDP-1449 (Based on Form PTO-1449)</b>  <b>PATENT AND TRADEMARK OFFICE</b> <b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)  Sheet 1 of 1	<b>ATTORNEY DOCKET NO.</b>	<b>SERIAL NO.</b>
	48500-000207/US/01	11/249,710
	<b>APPLICANT</b>	
	Yong Cheol PARK	
	<b>FILING DATE</b>	<b>GROUP</b>
	October 14, 2005	2655

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		JP 2005-004912	01/06/2005	JAPAN		Abstract	

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)**

Ref. Desig.	Examiner's Initials	

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Date Considered: 01/29/2009

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FORM HDP-1449 (Based on Form PTO-1449)

**PATENT AND TRADEMARK OFFICE  
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Sheet 1 of 1

**ATTORNEY DOCKET No.**  
46500-000207/US/01

**SERIAL No.**  
11/249.710

**APPLICANT**  
Yong Cheol PARK

**FILING DATE**  
October 14, 2005

**GROUP**

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		EP 1 612 790	01/01/2006	EUROPE		X
		WO 2004/079781	09/16/2004	WIPO		X
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		Search Report for corresponding European Application No. 07110035.8 dated June 5, 2008.
		Office Action for corresponding Russian Application No. 2006104619/28 dated June 26, 2008.

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Date Considered: 01/29/2009

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<b>FORM HDP-1449 (Based on Form PTO-1449)</b>  <b>PATENT AND TRADEMARK OFFICE</b> <b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)  Sheet 2 of 3	ATTORNEY DOCKET NO.	SERIAL NO.
	6150-000189/US	NEW APPLICATION
	APPLICANT(S)	11249710
	Hiroshi YOSHINAGA et al.	
	FILING DATE	GROUP
	September 5, 2008	Not yet Assigned

		2007/0292175	12/20/2007	SHINSHI		6/19/2007
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		JP 2001-318555	11/16/2001	JAPAN		Abstract	
		JP 2005-202420	7/28/2005	JAPAN		Abstract	
		JP 2006-048005	2/16/2006	JAPAN		Abstract	
		JP 2004-287131	10/14/2004	JAPAN		Abstract	
		JP 2001-201976	7/27/2001	JAPAN		Abstract	
		JP 05-173446	7/13/1993	JAPAN		Abstract	
		JP 2001-242732	9/7/2001	JAPAN		Abstract	
		JP 2001-013805	1/19/2001	JAPAN		Abstract	
		JP 2002-174988	6/21/2002	JAPAN		Abstract	
		JP 2001-066933	3/16/2001	JAPAN		Abstract	

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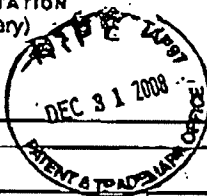
JAC:lja

Examiner: /Baboucar Faal/	Date Considered: 01/29/2009
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FORM HDP-1449 (Based on Form PTO-1449)  PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)  Sheet 1 of 1	ATTORNEY DOCKET No.	SERIAL No.
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	APPLICANT	
	Yong Cheol PARK	
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FOREIGN PATENT DOCUMENTS							
Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes	No
	/B.F./	WO 2004/086379 A1	10/07/2004	WIPO		Yes	

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)		
Ref. Desig.	Examiner's Initials	
		European Search Report corresponding to European Application No. 05792965.5 dated December 5, 2008.

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<b>Notice of References Cited</b>	Application/Control No. 11/249,710	Applicant(s)/Patent Under Reexamination PARK, YONG CHEOL	
	Examiner BABOU CARR FAAL	Art Unit 2189	Page 1 of 1

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*	B	US-2004/0246852 A1	12-2004	Hwang et al.	369/053.17
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

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